

DEPARTMENT OF THE INTERIOR  
BUREAU OF EDUCATION

BULLETIN, 1918, No. 9

UNION LIST  
OF  
MATHEMATICAL PERIODICALS

*By*

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AND  
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WASHINGTON  
GOVERNMENT PRINTING OFFICE  
1918

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## UNION LIST OF MATHEMATICAL PERIODICALS.

### INTRODUCTION.

The following list of mathematical periodicals has been prepared for the use of research students in mathematics in the universities of the United States. It is not intended to be a complete list of all publications of this kind; indeed, such a catalogue, while very desirable from the bibliographical and historical standpoint, would not ordinarily serve the purposes of the graduate student in mathematics as well as a brief list of this nature. The selection has been made after consultation with a number of professors in those universities that have most to do with directing research work in mathematics in this country, and it represents the periodicals which, in the judgment of these advisers, the student will be most apt to consult in his investigations. The less frequently used journals should also, at some time, be listed, but this is a labor that should be undertaken with a view to compiling a complete bibliography of the subject.

The present list is divided into two parts. In the first part those periodicals appear which relate solely to mathematics, whether they are issued in the form of journals or of publications of scientific societies. The second part includes those periodicals which contain mathematical articles which the student will probably wish to consult, but which are not wholly concerned with such articles.

The index permits the student to refer at once to each list and also to find with ease the periodical for which he is looking under any one of various names by which it is known, or under the place of its publication.

The selection of libraries has been somewhat arbitrary. Those universities known to have large collections of works on mathematics have, of course, been included. Other universities which are undertaking graduate work leading to the doctor's degree and have a considerable number of sets of periodicals have also been included, but with the evident understanding that the list is by no means complete and that any scientific selection would be very difficult. Certain city libraries have naturally found place, but here again it is difficult to draw a line between those which might properly have place and those which might not. In general, the purpose has not been so much to include one library and not another as to include a fair number of prominent libraries geographically located at points accessible to students.

It is hoped that the list may render more convenient such loans as the rules of various libraries may permit, may give to students easy access to important periodicals that they may need to consult, and may assist all libraries intended for research students in mathematics in selecting the periodicals that such students need most frequently to use.

Students are advised to consult the list of periodicals in the library of the American Mathematical Society for certain current journals not frequently used and not found in enough libraries to make the inclusion of more than two or three in this union list of any particular value.

In general, the names of places are given with the local spellings and also with the spellings adopted in the publications of the United States Government.

#### LIBRARIES REPORTING.

[The catch word referring to each library is given in italics.]

Adelbert College, Western Reserve University, Cleveland, Ohio. *Adelbert.*  
 American Mathematical Society, 501 West 116th St., New York City. *Am. Math. Soc.*  
 American Philosophical Society, 104 South Fifth St., Philadelphia, Pa. *Am. Phil. Soc.*  
 Boston Athenaeum, Boston, Mass. *Boston Athen.*  
 Brooklyn Public Library, Brooklyn, N. Y. *Brooklyn Pub.*  
 Brown University, Providence, R. I. *Brown.*  
 Bryn Mawr College, Bryn Mawr, Pa. *Bryn Mawr.*  
 Bureau of Standards, United States, Washington, D. C. *Bureau Standards.*  
 California, University of, Berkeley, Cal. *Calif.*  
 Case School of Applied Science, Cleveland, Ohio. *Case.*  
 Catholic University of America, Washington, D. C. *Catholic.*  
 Chicago, The University of, Chicago, Ill. *Chicago.*  
 Clark University, Worcester, Mass. *Clark.*  
 Coast and Geodetic Survey, United States, Washington, D. C. *Coast Geodetic.*  
 Columbia University, New York City. *Columbia.*  
 Congressional Library, Washington, D. C. *Congress.*  
 Cornell University, Ithaca, N. Y. *Cornell.*  
 Crerar. The John Crerar Library, Chicago, Ill. *Crerar.*  
 Dudley Observatory, Albany, N. Y. *Dudley.*  
 Harvard University, Cambridge, Mass. *Harvard.*  
 Haverford College, Haverford, Pa. *Haverford.*  
 Idaho, University of, Moscow, Idaho. *Idaho.*  
 Illinois, University of, Urbana, Ill. *Ill.*  
 Indiana, University of, Bloomington, Ind. *Indiana.*  
 Iowa, University of, Iowa City, Iowa. *Iowa.*  
 Johns Hopkins University, Baltimore, Md. *Johns Hopkins.*  
 Kansas, University of, Lawrence, Kan. *Kansas.*  
 Massachusetts Institute of Technology, Cambridge, Mass. *Mass. Tech.*  
 Michigan, University of, Ann Arbor, Mich. *Mich.*  
 Minnesota, University of, Minneapolis, Minn. *Minn.*  
 Missouri, University of, Columbia, Mo. *Mo.*  
 Naval Academy, United States, Annapolis, Md. *Naval Ac.*  
 Nebraska, University of, Lincoln, Neb. *Neb.*

## GEOGRAPHICAL DISTRIBUTION OF LIBRARIES.

New York Public Library, New York City. *N. Y. Pub.*  
 Northwestern University, Evanston, Ill. *Northwestern.*  
 Pennsylvania, University of, Philadelphia, Pa. *Pa.*  
 Philadelphia Free Library, Philadelphia, Pa. *Phila. Pub.*  
 Princeton University, Princeton, N. J. *Princeton.*  
 Purdue University, Lafayette, Ind. *Purdue.*  
 Rochester, University of, Rochester, N. Y. *Rochester.*  
 Throop College, Pasadena, Cal. *Throop.*  
 Stanford University, Stanford University, Cal. *Stanford.*  
 Syracuse University, Syracuse, N. Y. *Syracuse.*  
 Texas, University of, Austin, Texas. *Texas.*  
 Vassar College, Poughkeepsie, N. Y. *Vassar.*  
 Virginia, University of, University, Va. *Virginia.*  
 Washington, University of, Seattle, Wash. *Wash.*  
 Washington University, St. Louis, Mo. *Wash. (St. Louis).*  
 Wesleyan University, Middletown, Conn. *Wesleyan.*  
 Wisconsin, University of, Madison, Wis. *Wis.*  
 Yale University, New Haven, Conn. (Includes library of Sheffield Scientific School  
 and that of the Mathematics Seminar.) *Yale*  
 Yerkes Observatory, Geneva Lake, Wis. *Yerkes.*

## GEOGRAPHICAL DISTRIBUTION OF LIBRARIES.

[The catchword referring to the library is given in *italics*.]

Albany, N. Y. *Dudley.*  
 Ann Arbor, Mich. *Mich.*  
 Annapolis, Md. *Naval Ac.*  
 Austin, Texas. *Texas.*  
 Baltimore, Md. *Johns Hopkins.*  
 Berkeley, Cal. *Calif.*  
 Bloomington, Ind. *Indiana.*  
 Boston, Mass. *Boston Athen.* (See also Cambridge.)  
 Brooklyn, N. Y. *Brooklyn Pub.*  
 Bryn Mawr, Pa. *Bryn Mawr.*  
 California. See Berkeley, Pasadena, Stanford University.  
 Cambridge, Mass. *Harvard, Mass. Tech.*  
 Champaign, Ill. See Urbana.  
 Chicago, Ill. *Chicago, Crerar.*  
 Cleveland, Ohio. *Adelbert, Case.*  
 Columbia, Mo. *Mo.*  
 Connecticut. See Middletown, New Haven.  
 District of Columbia. See Washington, D. C.  
 Evanston, Ill. *Northwestern.*  
 Geneva Lake, Wis. *Yerkes.*  
 Haverford, Pa. *Haverford.*  
 Idaho. See Moscow.  
 Illinois. See Chicago, Evanston, Urbana.  
 Indiana. See Bloomington, Lafayette.  
 Iowa. See Iowa City.  
 Iowa City, Iowa. *Iowa.*  
 Ithaca, N. Y. *Cornell.*  
 Kansas. See Lawrence.

- Lafayette, Ind. *Purdue*.  
 Lawrence, Kan. *Kansas*.  
 Lincoln, Neb. *Neb.*  
 Madison, Wis. *Wis.*  
 Maryland. *See* Annapolis, Baltimore.  
 Massachusetts. *See* Boston, Cambridge, Worcester.  
 Michigan. *See* Ann Arbor.  
 Middletown, Conn. *Wesleyan*.  
 Minneapolis, Minn. *Minn.*  
 Minnesota. *See* Minneapolis.  
 Missouri. *See* Columbia, St. Louis.  
 Moscow, Idaho. *Idaho*.  
 Nebraska. *See* Lincoln.  
 New Haven, Conn. *Yale*. (Includes Sheffield Sci. Sch. and the Math. Seminar.)  
 New Jersey. *See* Princeton.  
 New York City. *Am. Math. Soc., Columbia, N. Y. Pub.*  
 New York (State). *See* Albany, Brooklyn, Ithaca, New York City, Poughkeepsie,  
 Rochester, Syracuse.  
 Ohio. *See* Cleveland.  
 Palo Alto, Cal. *See* Stanford University.  
 Pasadena, Cal. *Throop*.  
 Pennsylvania. *See* Bryn Mawr, Haverford, Philadelphia.  
 Philadelphia, Pa. *Am. Phil. Soc., Pa., Phila. Pub.*  
 Poughkeepsie, N. Y. *Vassar*.  
 Princeton, N. J. *Princeton*.  
 Providence, R. I. *Brown*.  
 Rhode Island. *See* Providence.  
 Rochester, N. Y. *Rochester*.  
 St. Louis, Mo. *Wash. (St. Louis.)*  
 Seattle, Wash. *Wash.*  
 Stanford University, Cal. *Stanford*.  
 Syracuse, N. Y. *Syracuse*.  
 Texas. *See* Austin.  
 University, Va. *Virginia*.  
 Urbana, Ill. *Ill.*  
 Virginia. *See* University.  
 Washington, D. C. *Bureau Standards, Catholic, Const. Geodetic, Congress.*  
 Washington (State). *See* Seattle.  
 Wisconsin. *See* Geneva Lake, Madison.  
 Worcester, Mass. *Clark*.

### I. MATHEMATICAL PERIODICALS.

(For a complete list with cross references, see the Index.)

- Acta Mathematica.  
 American Journal of Mathematics.  
 American Mathematical Monthly.  
 Analyst.  
 Annali di Matematica Pura ed Applicata.  
 Annals of Mathematics.  
 Archivo de Matemáticas.  
 Bibliotheca Mathematica.  
 Bollettino di Bibliografia e Storia delle Scienze Matematiche. (Loria.)

- Bollettino di Matematica. (Conti.)
- Bulletin des Sciences Mathématiques. (Darboux.)
- Calcutta Mathematical Society. Bulletin.
- Cambridge and Dublin Mathematical Journal.
- Cambridge Mathematical Journal.
- Crelle's Journal für die Reine und Angewandte Mathematik.
- Deutsche Mathematiker-Vereinigung. Jahresbericht.
- Jahresbericht, Ergänzungsbände.
- Edinburgh Mathematical Society. Proceedings.
- L'Education Mathématique.
- L'Enseignement Mathématique.
- Formulaire de Mathématique.
- Gazeta Matematica.
- Gentleman's Diary or Mathematical Repository.
- Gentleman's Mathematical Companion.
- Gergonne's Annales de Mathématiques Pures et Appliquées.
- Giornale di Matematiche. (Battaglini.)
- Göttingen. Mathematischer Verein. Berichte.
- Hamburg. Mathematische Gesellschaft. Mitteilungen.
- Indian Mathematical Society. Journal.
- L'Intermédiaire des Mathématiciens.
- Jahrbuch über die Fortschritte der Mathematik.
- Journal de Mathématiques Élémentaires. (Vuibert.)
- Kharkov Mathematical Society. Communications.
- Ladies' Diary.
- Lady's and Gentleman's Diary.
- Liouville's Journal de Mathématiques Pures et Appliquées.
- London Mathematical Society. Proceedings.
- Madras. See Indian Mathematical Society.
- Madrid. Sociedad Matemática Española. Revista.
- Magyar Tudományos Akadémia. Értekezések a Matematikai Osztály Köréből.
- Le Matematiche Pure ed Applicate.
- Mathematical Gazette.
- Mathematical Magazine.
- Mathematical Miscellany.
- Mathematical Monthly. (Runkle.)
- Mathematical Questions and Solutions from the "Educational Times."
- Mathematical Repository. (Dodson, Leybourn.)
- Matematicheskij Zistok.
- The Mathematician.
- The Mathematics Teacher.
- Mathematische Annalen.
- Mathesis.
- Messenger of Mathematics.
- Moscow Mathematical Society. Transactions. (Matematicheskii Sbornik.)
- New York. American Mathematical Society. Bulletin.
- Transactions.
- New York Mathematical Society. Bulletin.
- Nieuw Archief voor Wiskunde.
- Nouvelle Correspondance Mathématique.
- Nouvelles Annales de Mathématiques.
- Nyt Tidsskrift for Mathematik.
- Palermo. Circolo Matematico. Rendiconti.
- Rendiconti, Supplémento.



- Paris. Société Mathématique de France. Bulletin.  
 ——— Comptes Rendus des Séances.  
 Periodico di Matematica.  
 ——— Supplemento.  
 Philadelphia. University of Pennsylvania. Publications: Mathematics.  
 Il Pitagora.  
 El Progreso Matemático.  
 Quarterly Journal of Pure and Applied Mathematics.  
 Repertorium der literarischen Arbeiten aus dem Gebiete der Reinen und Angewandten Mathematik.  
 Revista Trimestral di Matemáticas.  
 Revue de Mathématiques. (Rivista di Matematica.)  
 Revue de Mathématiques Spéciales.  
 Revue Semestrielle des Publications Mathématiques.  
 Sphinx-Œdipe.  
 Tôhoku Mathematical Journal.  
 Wiadomości Matematyczne.  
 Wiskundige Opgaven met de Oplossingen.  
 Wiskundig Tijdschrift.

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- Periodico di Matematica, Livorno (Leghorn), 27.
- Periodico di Matematica, Supplemento, Livorno (Leghorn), 27.
- Petrograd, Académie des Sciences (Akademiya Nauk), (1) Bulletin, 47; (2) Mémoires, 47.
- Philadelphia, University of Pennsylvania, Publications, Mathematics, 27.
- Il Pitagora, Palermo, 27.
- Prace Mt.-Fiz. See Prace.
- Prace Matematyczne-Fizyczne, Warsaw, 47.

- Prag, Česká Akademie Císar Františka Josefa, (1) Bulletin International, Sciences Mathématiques et Naturelles, 47; (2) Rosprávy (mathematical memoirs only), 48.  
 — Königliche Böhmische Gesellschaft der Wissenschaften (Královské Česko Společnost Náuk), (1) Jahresberichte, 48; (2) Sitzungsberichte (Vestník), 48.  
 — See Časopis.  
 Prague. See Prag.  
 Princeton. See Annals.  
 El Progreso Matemático, Saragossa, 27.  
 QJ. Mth. See Quarterly Journal.  
 Quarterly Journal of Pure and Applied Mathematics, London, 28.  
 Repertorium der literarischen Arbeiten aus dem Gebiete der Reinen und Angewandten Mathematik, Leipzig, 28.  
 Reval. See Matematiceeskij Zistok.  
 Revista Trimestral de Matemáticas, Saragossa, 28.  
 Revista. See Madrid, Revue.  
 Revue de Mathématiques (Rivista di Matematica), Torino, 28.  
 Revue de Mathématiques Spéciales, Paris, 28.  
 Revue Générale des Sciences, Paris, 48.  
 Revue Semestrielle des Publications Mathématiques, Amsterdam, 29.  
 Rivista di Fisica, Matematica e Scienze Naturali, Firenze (Florence), 48.  
 Rm. abbreviations in Royal Society catalogue.  
 See Roma.  
 Roma, Pontificia Accademia dei Nuovi Lincei, (1) Atti, 49; (2) Memorie, 49.  
 — Reale Accademia dei Lincei, (1) Atti, 49; (2) Atti: Transunti, Rendiconti, 49; (3) Atti: Memorie, Classe di Scienze Fisiche, Matematiche e Naturali, 50.  
 — Società Italiana delle Scienze, Memorie di Matematica e di Fisica, 50.  
 — See Annali, Bollettino, Boncompagni.  
 Rome. See Roma.  
 Rotterdam. See Wiskundig Tijdschrift.  
 Royal Society. See Dublin, Edinburgh.  
 Royal Society of London, (1) Philosophical Transactions, 50; (2) Proceedings, 51; (3) Year Book, 51.  
 Rpm. Mth. See Repertorium.  
 R. S. P. See Royal Society of London.  
 Runkle. See Math. Monthly.  
 Rv. Mth. See Revue de Math.  
 Saint Petersburg. See Petrograd.  
 Saragossa. See (El) Progreso, Revista.  
 Schlömilch's Zeitschrift. See Zeitschrift.  
 Schotten's Zeitschrift. See Zeitschrift.  
 Sendai. See Tôhoku Imperial University, Tôhoku Math. Journal.  
 Sphinx-Oedipe, Nancy, 29.  
 Springfield. See Am. Math. Monthly.  
 St. Pé. abbreviations in Royal Society catalogue.  
 See Petrograd.  
 St. Petersburg. See Petrograd.  
 Stockb. abbreviations in Royal Society catalogue.  
 See Stockholm.  
 Stockholm, Kongliga Svenska Vetenskaps-Akademie, (1) Handlingar, Bihang, 52; (2) Arkiv for Matematik, Astronomi och Fysik, 52.  
 Stockholm. See Acta, Bibliotheca Math.  
 Stuttgart, Mathematische Naturwissenschaftlicher Mitteilungen, 52.  
 Syracuse. See Math. Teacher.  
 Tôhoku Imperial University, Science Reports, Ser. I, Sendai, 52.  
 Tôhoku Mathematical Journal, Sendai, 29.  
 Tôk. abbreviations in Royal Society catalogue.  
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 Tor. abbreviations in Royal Society catalogue.  
 See Torino.  
 Torino, Reale Accademia delle Scienze, (1) Classe di Scienze Fisiche, Matematiche e Naturali, Atti, 53; (2) Memorie, 53.  
 — See Bollettino, Formulare, Revue de Math.  
 Tortolini A. See Annali.  
 Toul. abbreviations in Royal Society catalogue.  
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 Toulouse, Académie des Sciences, Inscriptions et Belles-Lettres, (1) Bulletin, 53; (2) Mémoires, 53.  
 — Faculté des Sciences de l'Université, Annales, 54.  
 Ts. Math. See Nyt Tidsskrift.  
 Transactions. See New York.  
 Turin. See Torino.  
 Ungarn. See Math. und Nat. Berichte.  
 Valencia. See Archivo de Matemáticas.  
 Vars. and Varsovie. See Warsaw, References.  
 Ven. abbreviations in Royal Society catalogue.  
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 Venezia, Reale Istituto Veneto di Scienze, Lettere ed Arti, Memorie, 54.  
 Venice. See Venezia.  
 Vienna. See Wien.  
 Vulbert's Journal. See Journal.  
 Warsaw. See Prace, Wladomosci.  
 Wash. Nt. Ac. Mm. See Washington, National Academy.  
 Washington, National Academy of Sciences, Proceedings, 54.  
 — See Math. Mag. (Begun at Erie, Pa.)  
 Wladomosci Matematyczne, Warsaw, 29.  
 Wien. Ak. See Wien, Kaiserliche Akademie.  
 Wien (Vienna), Kaiserliche Akademie der Wissenschaften, Mathematisch-Naturwissenschaftliche Classe, Sitzungsberichte, 55.  
 — See Monatshefte.  
 Wiskundige Opgaven met de Oplossingen, Amsterdam, 29.  
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 Württemberg. See Stuttgart.  
 Zaragosa. See (El) Progreso, Revista Trimest.  
 Zeitschrift für Mathematik und Physik (Schlömilch), Leipzig, 55.  
 Zeitschrift für Mathematischen und Naturwissenschaftlichen Unterricht (Hoffmann, Schotten), Leipzig, 55.  
 Z. Mth. Ps. See Zeitschrift für Math. und Phys.  
 Zürich, Naturforschende Gesellschaft, Vierteljahrsschrift, 56.  
 Zür. Vjschr. See Zürich.